



## Complete Summary

---

### TITLE

Migraine headache: percentage of migraine sufferers with documented education.

### SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Migraine headache. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2003 Jul. 68 p. [124 references]

## Brief Abstract

### DESCRIPTION

This measure assesses the percentage of migraine sufferers with documented education.

### RATIONALE

The priority aim addressed by this measure is to increase education for migraine sufferers.

### PRIMARY CLINICAL COMPONENT

Migraine headache; patient education

### DENOMINATOR DESCRIPTION

All patients age 12 and older who had an encounter with the medical group in the past month for migraine headache

### NUMERATOR DESCRIPTION

Number of records with documentation of education about migraine (see the related "Numerator Inclusions/Exclusions" field in the Complete Summary)

## Evidence Supporting the Measure

### PRIMARY MEASURE DOMAIN

Process

### SECONDARY MEASURE DOMAIN

Not applicable

## EVIDENCE SUPPORTING THE MEASURE

A clinical practice guideline or other peer-reviewed synthesis of the clinical evidence

## NATIONAL GUIDELINE CLEARINGHOUSE LINK

- [Migraine headache.](#)

## Evidence Supporting Need for the Measure

### NEED FOR THE MEASURE

Unspecified

## State of Use of the Measure

### STATE OF USE

Current routine use

### CURRENT USE

Internal quality improvement

## Application of Measure in its Current Use

### CARE SETTING

Physician Group Practices/Clinics

### PROFESSIONALS RESPONSIBLE FOR HEALTH CARE

Physicians

### LOWEST LEVEL OF HEALTH CARE DELIVERY ADDRESSED

Group Clinical Practices

### TARGET POPULATION AGE

Age greater than or equal to 12 years

### TARGET POPULATION GENDER

Either male or female

## STRATIFICATION BY VULNERABLE POPULATIONS

Unspecified

### Characteristics of the Primary Clinical Component

#### INCIDENCE/PREVALENCE

Migraine headaches affect an estimated 23 million Americans, with 11 million experiencing significant headache-related disabilities. Migraines affect about 17% of American women and 6% of American men. Headache sufferers may not only be incapacitated at work, but also in family and social functions.

#### EVIDENCE FOR INCIDENCE/PREVALENCE

Institute for Clinical Systems Improvement (ICSI). Migraine headache. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2003 Jul. 68 p. [124 references]

#### ASSOCIATION WITH VULNERABLE POPULATIONS

Unspecified

#### BURDEN OF ILLNESS

See the "Incidence/Prevalence" field.

#### UTILIZATION

Unspecified

#### COSTS

Migraines have an economic impact through significant losses in productivity as well as through health care costs. The cost in dollars is probably somewhere between \$1.4 billion and \$17.2 billion. For an estimated 6,196,378 migraine sufferers who work outside the home, lost productivity is approximately \$1.4 billion a year, with 1.4 to 4.0 days lost annually. Employers lose \$5.6 to \$17.6 billion annually in production. For an estimated 648 migraineurs surveyed, the total annual medical expenditure was \$529,199. This figure includes emergency room visits, general medical attention, specialists, hospitalizations, and prescription and over-the-counter medications.

#### EVIDENCE FOR COSTS

Institute for Clinical Systems Improvement (ICSI). Migraine headache. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2003 Jul. 68 p. [124 references]

## Institute of Medicine National Healthcare Quality Report Categories

### IOM CARE NEED

Living with Illness

### IOM DOMAIN

Effectiveness

Patient-centeredness

## Data Collection for the Measure

### CASE FINDING

Users of care only

### DESCRIPTION OF CASE FINDING

Patients age 12 years and older with migraine headache

A chart abstraction is conducted to determine whether or not there is any evidence that a clinician provided education about migraines.

Suggested data collection time frame is monthly.

### DENOMINATOR SAMPLING FRAME

Patients associated with provider

### DENOMINATOR (INDEX) EVENT

Clinical Condition

Encounter

### DENOMINATOR INCLUSIONS/EXCLUSIONS

#### Inclusions

All patients age 12 and older who had an encounter with the medical group in the past month for migraine headache

#### Exclusions

Unspecified

### NUMERATOR INCLUSIONS/EXCLUSIONS

#### Inclusions

Number of records with documentation\* of education about migraine

\*Documented is defined as any evidence in the medical record that education or educational materials were provided to the patient about migraine and lifestyle management that could include information about:

- genetic predisposition to migraine
- role of lifestyle changes
- stress reduction, regular eating and sleeping schedules, and regular aerobic exercise
- results of overuse of analgesics and acute migraine drugs
- benefit of keeping a headache diary
- treatment approaches

Exclusions  
Unspecified

#### DENOMINATOR TIME WINDOW

Time window is a fixed period of time

#### NUMERATOR TIME WINDOW

Fixed time period

#### DATA SOURCE

Medical record

#### LEVEL OF DETERMINATION OF QUALITY

Individual Case

#### PRE-EXISTING INSTRUMENT USED

Unspecified

### Computation of the Measure

#### SCORING

Rate

#### INTERPRETATION OF SCORE

Better quality is associated with a higher score

#### ALLOWANCE FOR PATIENT FACTORS

Unspecified

#### STANDARD OF COMPARISON

Internal time comparison

## Evaluation of Measure Properties

### EXTENT OF MEASURE TESTING

Unspecified

## Identifying Information

### ORIGINAL TITLE

Percentage of migraine sufferers with documented education.

### MEASURE COLLECTION

[Migraine Headache Measures](#)

### DEVELOPER

Institute for Clinical Systems Improvement

### ADAPTATION

Measure was not adapted from another source.

### RELEASE DATE

2003 Jul

### MEASURE STATUS

This is the current release of the measure.

### SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Migraine headache. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2003 Jul. 68 p. [124 references]

### MEASURE AVAILABILITY

The individual measure, "Percentage of migraine sufferers with documented education," is published in "Health Care Guideline: Migraine Headache." This document is available from the [Institute for Clinical Systems Improvement \(ICSI\) Web site](#).

For more information, contact ICSI at, 8009 34th Avenue South, Suite 1200, Bloomington, MN 55425; phone: 952-814-7060; fax: 952-858-9675; Web site: [www.icsi.org](http://www.icsi.org); e-mail: [icsi.info@icsi.org](mailto:icsi.info@icsi.org).

## NQMC STATUS

This NQMC summary was completed by ECRI on April 28, 2004.

## COPYRIGHT STATEMENT

This NQMC summary (abstracted Institute for Clinical Systems Improvement [ICSI] Measure) is based on the original measure, which is subject to the measure developer's copyright restrictions.

The abstracted ICSI Measures contained in this Web site may be downloaded by any individual or organization. If the abstracted ICSI Measures are downloaded by an individual, the individual may not distribute copies to third parties.

If the abstracted ICSI Measures are downloaded by an organization, copies may be distributed to the organization's employees but may not be distributed outside of the organization without the prior written consent of the Institute for Clinical Systems Improvement, Inc.

All other copyright rights in the abstracted ICSI Measures are reserved by the Institute for Clinical Systems Improvement, Inc. The Institute for Clinical Systems Improvement, Inc. assumes no liability for any adaptations or revisions or modifications made to the abstracts of the ICSI Measures.

© 2004 National Quality Measures Clearinghouse

Date Modified: 10/25/2004

**FIRSTGOV**

